



JCO Rec'd PCT/PTO 05 FEB 2002

Attorney Docket No. T9046.A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: GRAEME B. BOLGER et al.)
TITLE: INTERACTION OF THE)
CYCLIC-AMP-SPECIFIC)
PHOSPHODIESTERASE)
PDE4D5 WITH RACK1) INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R.)
SERIAL NO.: 09/979,588) \$ 1.97
FILED: November 16, 2001)
EXAMINER: _____)
ART UNIT: _____)

Commissioner for Patents
Washington, D.C. 20231

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully invokes the Patent Office's obligation under 37 C.F.R. § 1.97 to consider these references and make them of record in the above-captioned application. While no representation is made that

Certificate of Deposit Under 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231, on the 28th day of December, 2001.

Alan J. Howarth

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Attorney Registration No. 36,553

any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

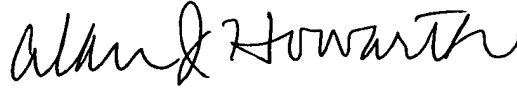
Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously cited by or submitted to the Office, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each listed reference (or relevant portion thereof) which was not previously submitted to, or cited by, the Patent Office is also enclosed.

Please charge any additional fees or credit any overpayment to
Deposit Account No. 50-0836.

DATED this 28th day of December, 2001.

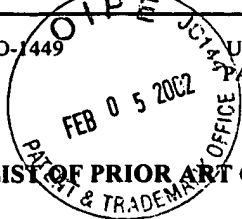
Respectfully submitted,



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| PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. T9046.A | | SERIAL NO. 09/979,588 | |
| LIST OF PRIOR ART CITED BY APPLICANT | | | | APPLICANT Graeme B. Bolger et al. | |
| FILING DATE November 16, 2001 | | | | GROUP | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|-----------------|-----------|---------------|--------------|----------|----------------------------|--|
| EXAMINER INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | AA | 5,851,784 | Dec. 22, 1998 | Owens et al. | | | |
| | AB | 5,922,557 | Jul. 13, 1999 | Pon | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|------|---------|-------|----------|-------------|----|--|
| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | | |
| | | | | | YES | NO | |
| AL | | | | | | | |
| AM | | | | | | | |
| AN | | | | | | | |
| AO | | | | | | | |
| AP | | | | | | | |

| OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available]) | | | |
|--|----|--|---|
| | AR | | Yarwood, et al. The RACK1 Signaling Scaffold Protein Selectively Interacts with the cAMP-specific Phosphodiesterase PDE4D5 Isoform. Journal of Biological Chemistry. May 21, 1999, Vol. 274, No. 21, pp. 14909-14917. |
| | AS | | |
| | AT | | |

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| EXAMINER | DATE CONSIDERED |
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPI609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.